

**In the Claims**

1. (previously presented) A system for remotely managing fuel storage in a customer storage location comprising:

a computer accessible by a plurality of fuel dealers;

a measurer for measuring the storage level of a fuel at a customer storage location;

a data processor associated with the measurer permitting recording of the customer fuel storage level;

a communicator associated with the measurer permitting communication with the computer;

an access interface associated with the computer;

at least one communications network permitting communication by a dealer to the computer and permitting communication with the computer by the communicator associated with the measurer;

a database accessible by the computer containing a plurality of data associated with the customer fuel storage level;

a plurality of functional software modules executing on the computer by which the dealer selectively manipulates the plurality of data associated with the customer storage location; comprising

an administrative software module for enrolling customer storage locations and administering the system,

a management software module for querying the database,

a scheduling software module for optimizing fuel deliveries to customers,  
an authorization software module for securing the system, and  
a delivery analysis software module for analyzing the replenishment of fuel  
to the customer storage location, said delivery analysis software module including a  
route optimization module by which the dealer optimizes its schedule of deliveries to  
customer storage locations based upon storage levels at the customer storage  
locations.

2. (original) The system of claim 1 wherein the plurality of functional software  
modules executing on the computer for enabling a plurality of users to selectively  
manipulate the plurality of data associated with the storage location further comprises a  
software module for reporting the results of querying the database by a plurality of  
communications networks.

3. (original) The system of claim 1 wherein the plurality of functional software  
modules executing on the computer for enabling a plurality of users to selectively  
manipulate the plurality of data associated with the storage location further comprises a  
software module for route optimization.

4. (original) The system of claim 1 wherein at least one communications network  
permitting communication by a user to the computer and permitting communication with

the computer by the communicator associated with the measurer is a wireless communications.

5. (original) The system of claim 1 wherein the plurality of functional software modules executing on the computer for enabling a plurality of users to selectively manipulate the plurality of data associated with the storage location further comprises a software module for accounting.

6. (original) The system of claim 1 wherein the plurality of functional software modules executing on the computer for enabling a plurality of users to selectively manipulate the plurality of data associated with the storage location further comprises a software module for accessing a geographical information system.

7. (original) The system of claim 1 wherein data processor further comprises a transponder for detecting a plurality of signals from a deliverer.

8. (original) The system of claim 1 further comprising a monitor for providing a monitoring service.

9. (original) The system of claim 1 where the measurer is self contained.

10. (original) The system of claim 1 where the communicator is self contained.

11-23. (cancelled)

24. (previously presented) A fuel monitoring system for allowing a dealer to monitor a fuel level of a customer location comprising:

a fuel level monitoring device for generating fuel level data;

a communication link;

a central server coupled to said fuel level monitoring device via said communication link;

a storage device for storing the fuel level data;

a dealer computer coupled to said central server for accessing the fuel level data;

said central server formatting the fuel level data to a dealer data format;

said fuel level data presented to the dealer for display in real-time such that the dealer may optimize scheduled delivery of fuel to the customer; and

a delivery analysis software module, including route optimization software, by which the dealer optimizes its schedule of deliveries to customer storage locations based upon storage levels at the customer storage locations.

25. (currently amended) The fuel monitoring system of claim 24 24 wherein said communication link is a wireless communication link.

26. (currently amended) The fuel monitoring system of claim 24 24 further comprising and delivery analysis software for analyzing replenishment of fuel at the customer location.

27. (currently amended) The fuel monitoring system of claim ~~23~~ 26 wherein the system provides the dealer with geographical information for customer route optimization.

28. (currently amended) The fuel monitoring system of claim 24 24 further comprising administrative software enrolling customer locations and administering the system.

29. (currently amended) The fuel monitoring system of claim 24 24 further comprising authorization software for securing the system from unauthorized access.

30. (currently amended) The fuel monitoring system of claim 24 24 further comprising accounting software.

31. (currently amended) The fuel monitoring system of claim 24 24 wherein the customer is provided with access to the said fuel level data.